



Gabriel SectorWave™ 90° Broadband Hub Antenna

SectorWave™ 90° Broadband Sector Antennas (Local Multipoint Distribution Service) Headend / Hub Vertical or Horizontal Plane Polarized

Facts & Features

- Gabriel Quality and Dependability.
- Compact Designs.
- Environmentally pleasing design.
- Lightweight and durable construction.
- Quick and easy installation.
- Paintable Antenna and Radome.
- One year warranty.
- Customized sector models available.
- Cosecant squared elevation pattern.

Electrical Specifications		SW90V-275	SW90H-275
Frequency Band, GHz		27.35 - 29.50	27.35 - 29.50
Gain, dBi, Minimum		18.0	18.0
Polarization		Vertical	Horizontal
Nominal Beamwidth (Azimuth)		90°	90°
Cross Polarization Discrimination (XPD)		>30	>30
VSWR Max. (R.L.)		1.50:1 (14.0)	1.50:1 (14.0)
Maximum Power in Watts		20	20
Input Flange Type		UG-600A/U	UG-600A/U
Meets ETSI/EN 301 215-2		CS1 & CS3	CS1 & CS3
<i>Meets Draft IEEE Spec. 802.16.2/D1-2000, Class 1</i>			
Mechanical Specifications			
Wind Survival Rating	mph (kmh)	125 (201)	125 (201)
Operating Temperature	F° (C°)	-40° to +140° (-40° to +60°)	-40° to +140° (-40° to +60°)
Dimensions L x W x H	approx. in. approx. (mm)	10.5 x 2 x 4 (268 x 51 x 102)	10.5 x 2 x 4 (268 x 51 x 102)
Weight	lbs. (kg)	3 (1.4)	3 (1.4)
Feed Pressurization	psig (kPa)	0.5 (3.5)	0.5 (3.5)
Flange Position		back	back
Color		white	white
Mast diameter (Min. / Max.)	in. (mm)	2 - 4 (50 - 100)	2 - 4 (50 - 100)

NOTE: Product information subject to change without notice.